Approved for Approved 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

| Attorne | ey Docket No. | 18153.0043 | | |
|----------|------------------|------------------|--------------------|---------|
| First In | ventor or Applic | ation Identifier | Michael Catherwood | ۵ |
| Title | EUCLIDEAN | DISTANCE INS | TRUCTIONS | . S. J. |
| _ | 44 114 4 444 | | | - 6 |

| (Only for r | new nonprovisiona | l applications unde | er 37 C.F.R. § 1.53(b)) | Express Ma | ail Label No. | | | 90 | | | | |
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| | | LICATION EL | | ADI | ADDRESS TO Assistant Commissioner for Patents Box Patent Application | | | | | | | |
| | chapter 600 cond | eming design pate | nt application contents. | 7.2.2 | Washington, DC 20231 | | | | | | | |
| 1. \(\times \) 2. \(\times \) 3. \(\times \) 5. Oath or a. \(\times \) b. \(\times \) | Fee Transmitta (Submit an origin. Applicant claim See 37 CFR 1.: Specification (preferred arrange Descriptive title of Cross Reference Statement Regale Background of the Brief Summary of Brief Description Brief Description Claim(s) - Abstract of the Education Declaration Newly execut Copy from a part of the Copy from a | Il Form (e.g., PTC al and a duplicate for samall entity state 27. If a ment set forth belowed the Invention esto Related Application of the Invention of the Invention of the Invention of the Invention of the Drawings (with the Invention of the | O/SB/17) for fee processing) atus. Total Pages 26 } cations ed R & D if filed) Total Sheets 5 Total Pages 2 DPy) (37 CFR 1.63 (d)) with Box 17 completed R(S) ng inventor(s) e 37 CFR | 8. Nu (if a. b. 3 c. [9. \inf 10.] 11. 12. 13. 14. | CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Form (CRF) Specification Sequence Listing on: CD-ROM or CD-R (2 copies); or paper Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS Assignment Papers (cover sheet & document(s)) 37 C.F.R.§3.73(b)Statement Power of (when there is an assignee) Attorney English Translation Document (if applicable) Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | | | | |
| 17. If a COI | NTINUING APPLI | CATION check a | nnropriate hove and sur | only the room | isita informati | on holow and i | n a preliminary amendmen | -4 | | | | |
| or in an Ap | plication Data Si | heet under 37 CFI | | opiy the requ | isite illiolillati | on below and n | r a premimary amendmen | 14, | | | | |
| _ | tinuation oplication informat | ☐ Divisional ion: Exami | ☐ Continuation-in-p | oart (CIP) | | orior application | No:/ | | | | | |
| For CONTI | NUATION or DIV | SIONAL APPS on | iv: The entire disclosu | re of the prio | rapplication | oup / Art Unit: from which an | oath or declaration is sup | plied | | | | |
| unaer Box | od, is considered | d a part of the disc | closure of the accompa hen a portion has been | anving or div | isional applic | ation and is he | rehy incorporated by refer | ence. | | | | |
| | | | 17. CORRESP | | | - | | | | | | |
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| City | Washington | | State | D.C. | | Zip Code | 20007-5116 | **** | | | | |
| | | | | | -7500 | Fax | 202 424-7647 | | | | | |
| Name (Print/Tune) Chadwist C. 1-4 | | | | | | | | == | | | | |
| Name (Print/Type) Chadwick A. Jackson | | | | Registration No. (Attorney/Agent) 46,495 | | | | | | | | |
| Signature | | | | Λ | | Date | June 1, 2001 | | | | | |

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

| Complete if Known | | | | | | | |
|----------------------|--------------------|--|--|--|--|--|--|
| Application Number | •• | | | | | | |
| Filing Date | June 1, 2001 | | | | | | |
| First Named Inventor | Michael Catherwood | | | | | | |
| Examiner Name | ТВА | | | | | | |
| Group / Art Unit | ТВА | | | | | | |
| Attorney Docket No. | 18153.0043 | | | | | | |

| METION OF PAVMENT | | | | | | | | | | | | | |
|---|---------------|--------------|--------------|---|--|-----------------------------|-----------------|-------------|---|--|-------------|--|-------------|
| METHOD OF PAYMENT (check one) | | | | | | FEE CALCULATION (continued) | | | | | | | |
| The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: | | | | 3. ADE | ITIONAL Large Entity | . FEES | Small Entity | | | | | | |
| Depo: Accou | | 19512 | 27, Orde | er #18153.0043 | | | | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Numb | oer | | | | | | | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| Depos | | | | | | | _ | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| Accou | | Swidle | er Berlir | Shereff Friedma | an, LLP | | | 139 | 130 | 139 | 130 | Non-English specification | |
| Name | | | | | | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | | | |
| ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | | | | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | | |
| | See 37 C | | | ty status. | ······································ | | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 2. | Payme | nt Enclos | sea: | | | | | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| | Check | ☐ Cre | edit card | ☐ Money Order | Ø c | Other | | 116 | 390 | 216 | 195 | Extension for reply within second month | |
| | | | EEE ^ | ALCULATION | | | | 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 1. B | ASIC FI | LING FEI | | ALCOLATION | | - | | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| Large | Entity | Small I | Entity | | | | | 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| Fee | | | Fee | Fee Description | n | | | 119 | 310 | 219 | 155 | Notice of Appeal | |
| Code | • • • | | (\$) | | | Fee Pa | ild | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 101 | | | 355 | Utility filing fee | | 710 | | 121 | 270 | 221 | 135 | Request for oral hearing | |
| 106 107 | | | 160 245 | Design filing fee Plant filing fee | ' <u> </u> | | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 108 | 710 | 208 | 355 | Reissue filing fe | е [| | | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 114 | 150 | 214 | 75 | Provisional filling | g fee [| | | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| | | 611 | DTOT4 | 1 (4) | _ | (0) 710 | _ | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| | | 50 | ВТОТА | L (1) | L | (\$) 710 | | 143 | 440 | 243 | 220 | Design issue fee | |
| 2. EXTR | A CLAIR | A FEES | | | | | | 144 | 600 | 244 | 300 | Plant issue fee | |
| İ | | | | | ee from | Fee | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| Total Claim | s 28 | -20 | ** = | Claims t | nelow 18 | = 144 | | 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| Independent Claims | 2 | -3* | • = | 0 X | 80 | = 0 | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| Multiple Dependent | | | | x [| | = 0 | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| Large Fee | Entity Fee | Fee | Entit Fee | y Fee Descript | tion | | | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| Code | (\$) | Code | (\$) | • | | | | 149 | 710 | 249 | 355 | For each additional invention to be | |
| 103 | 18 | 203 | 9 | Claims in exc | | | _ | | | | | examined (37 CFR § 1.129(b)) | |
| 102 104 | 80 270 | 202 204 | 40 135 | Independent | | | | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 109 | 80 | 204 | 40 | Multiple depe | dependent | • | | 169 | 900 | 169 | 900 | Request for expedited examination | |
| 110 | 18 | 210 | 9 | original paten ** Reissue cla over original | aims in exc | ess of 20 |) and | | | | | of a design application | |
| | | | s | UBTOTAL (2) | (\$) 144 | | | Other fe | e (specify | y) | | | |
| **or numb | er previo | usly paid, i | if greater | ; For Reissues, se | e above | | _ | *Reduc | ed by Ba | sic Filing | Fee Pa | aid SUBTOTAL (3) (\$) 40 | |

| SUBMITTED BY | \sim \sim | | Com | plete (if applicable) |
|-------------------|--------------------|---|-----------|-----------------------|
| Name (Print/Type) | Chadwick A Jackson | Registration No. Attorney/Agent) 48,495 | Telephone | 202 424-7500 |
| Signature | 11/2 | | Date | June 1, 2001 |

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